

Claims:

1. A connector for connecting printed boards comprising:
 - a contact terminal wherein contact portions and board connection terminals are connected by spring bodies;
 - a movable housing for receiving the contact portions of the contact terminal;
 - a fixing housing to which the board connection terminals of the contact terminal are fixed;
 - wherein through-holes penetrating through both the movable housing and the fixing housing are provided, reinforcing pins are inserted into the through-holes so that the movable housing can move up and down within a predetermined range against the fixing housing, the contact terminals are installed in the movable and fixing housings, and both housing are connected by the spring bodies with a predetermined spacing.
2. The connector for connecting printed boards according to claim 1, wherein the inner diameter of said through-hole is almost close to the diameter of said reinforcing pin.
3. The connector for connecting printed boards according to claim 1 or 2, wherein said spring bodies are formed by flexible plates that can absorb an impact force.
4. The connector for connecting printed boards according to

any one of claims 1 to 3, wherein said spring bodies are formed by one or a plurality of approximately lateral U-shaped spring bodies or leaf spring bodies connected in series.

5. The connector for connecting printed boards according to any one of claims 1 to 4, wherein said spacing between the movable housing and the fixing housing is set so that said spring bodies are not deformed permanently when they are bent.
6. The connector for connecting printed boards according to any one of claims 1 to 5, wherein the length of the reinforcing pin is set so that the pin may project over a predetermined distance from the upper and lower faces of the movable housing and the fixing housing in which the housings are separated by a predetermined spacing and stacked.
7. The connector for connecting printed boards according to any one of claims 1 to 6, wherein said movable housing comprises contact container portions formed of a plurality of shelves, the plurality of the contact portions are arranged separately in each shelves, and wherein board connection terminals are fixed in said fixing housing.
8. The connector for connecting printed boards according to

claim 7, wherein said contact portions are formed by thin plates and the lateral widths of the spring bodies and board connection terminals are narrower than those of said contact portions.

9. An apparatus for connecting printed boards wherein said board connection terminal and one end of said reinforcing pin are connected to a copper foil pattern on a printed board by soldering with a connector according to any one of claims 1 to 8.
10. The apparatus for connecting printed boards according to claim 9, wherein the other end of said reinforcing pin is used for positioning to an electronic equipment housing.